

## ABSTRACT

The present invention provides a capacitor production method where an electric conductor having a dielectric layer formed thereon is used as one electrode and a semiconductor layer is formed by energization to be the other electrode, comprising the energization performed through a constant current diode, and also provides a jig for producing capacitors, which is used for forming semiconductor layers by energization on two or more electric conductors each having formed on the surface thereof a dielectric layer, the jig comprising two or more current ejection-type constant current sources in accordance with the number of electric conductors, which current sources each has an output electrically connected in series with a connection terminal for the electric conductor. Use of the jig of the present invention, enables production of capacitors including semiconductor as one electrode with a small variation in the capacitance.